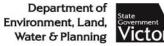
SPEAR

Surveying and Planning through Electronic Applications and Referrals









ePlan Update





ePlan Engagement Program

- Aims
 - ePlan team visiting surveying firms to gain a better understanding of their business workflows and requirements
 - Obtain feedback on the current and future development of the ePlan visualisation product and validation service
 - Demonstrate to surveyors the ePlan workflows who use:
 - ≻LISCAD,
 - ➤GeoCivil, or
 - ≻AutoCAD Civil 3D





ePlan Engagement Program

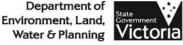
- Workshops:
 - SMEC (30 April 2015)
 - Bosco Jonson (13 May 2015)
 - Beveridge Williams (5 June 2015)
 - Nobelius Land Surveyors (12 June 2015)
 - Charter Keck Cramer (14 August 2015)
 - Reeds Consulting (16 September 2015)
- ePlan team will provide a case study investigation from data provided by the respective firms to determine potential time/cost savings from the ePlan services



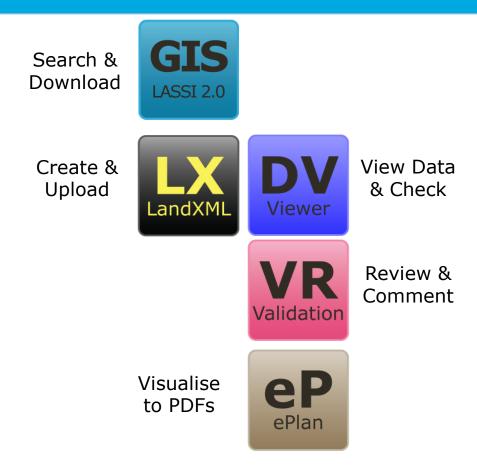


Victorian ePlan Implementation Progress

- Since May 2013, ePlans have been able to be lodged in SPEAR instead of the PDF drafted by the surveyor
- Most Subdivision Act application types currently supported by SPEAR can be lodged as ePlans (e.g. Plan of Subdivision and Stage Plans)
- SPEAR validates the ePlan data and creates a PDF
- 7 surveying firms have submitted ePlans to SPEAR
 - SMEC, Geometri, Absolute Surveying, Walpole Surveying, Berry & Whyte Surveyors, Digital Land Surveys and CAF Consulting
- 43 ePlans submitted since May 2013 with 18 registered



ePlan Services within SPEAR



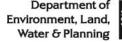
ePlan services are provided as part of SPEAR. They can be accessed via:

- Logging into SPEAR
- Guest access from SPEAR web site
- Web services called from surveying software packages



Visualisation Enhancements and Examples

- SPEAR used Queensland visualisation web service from 2012 until mid-2014
- Since mid 2014 Land Victoria has maintained and hosted the Victorian visualisation service
- To date there have been 3 releases, with the main focus on:
 - Improving the look and feel of the plan
 - improving labelling and arrowing of the data
 - supporting further application types





Scheduled ePlan Enhancements

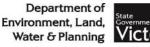
- SPEAR Release 4.2 (Oct 2015)
 - Supporting plans under Section 23/24A/32B as well as text-only plans
- SPEAR Release 4.3 (May 2016)
 - Supporting Boundary Plans
- SPEAR Release 4.4 (Oct 2016)
 - Supporting Transfer of Land Act applications (Section 60, 103, 99, 15 and 26P) and Crown Plans
- Future Releases
 - Supporting 3D building subdivisions





3D Digital Cadastre Investigation

- Following the ICSM Cadastre 2034 Strategy, the ePlan Working Group has started to explore the requirements for supporting building subdivisions in ePlan
- Land Victoria formed a 3D Working Party in 2014 to investigate the introduction of 3D digital data and its implications for Victoria relevant to the cadastre
- The 3D digital cadastre technical requirements (including data modelling, visualisation and validation) are under investigation by the Victorian ePlan team



3D Digital Cadastre Investigation

- The Land Victoria 3D ePlan Prototype was published on the SPEAR website in May 2015
- So far, the Prototype has received 714 visits from 26 countries.

